

Author Index Volume 85

Agrawal, R.D., see Sharma, K.C. et al.	302
Albarède, F., see Brouxel, M. et al.	386
Arai, S., see Hirai, H. and Arai, S.	311
Ashwal, L.D., Morgan, P., Kelley, S.A. and Percival, J.A., Heat production in an Archean crustal profile and implications for heat flow and mobilization of heat-producing elements	439
Baker, E.T. and Massoth, G.J., Characteristics of hydrothermal plumes from two vent fields on the Juan de Fuca Ridge, northeast Pacific Ocean	59
Ballard, S. and Pollack, H.N., Diversion of heat by Archean cratons: a model for southern Africa	253
Baudry, N., see Diament, M. and Baudry, N.	427
Beasley, T.M., see Huh, C.A. and Beasley, T.M.	1
Blake, S. and Fink, J.H., The dynamics of magma withdrawal from a density stratified dyke	516
Bounif, A., Haessler, H. and Meghraoui, M., The Constantine (northeast Algeria) earthquake of October 27, 1985: surface ruptures and aftershock study	451
Bralower, T.J., see Channel, J.E.T. et al.	203
Brenan, J.M., see Watson, E.B. and Brenan, J.M.	497
Brouxel, M., Lapierre, H., Michard, A. and Albarède, F., The deep layers of a Paleozoic arc: geochemistry of the Copley-Balaklala Series, northern California	386
Calmant, S., The elastic thickness of the lithosphere in the Pacific Ocean	277
Chan, L.H. and Chung, Y., Barium and radium in the Dead Sea	41
Channel, J.E.T. and Grandesso, P., A revised correlation of Mesozoic polarity chronos and calpionellid zones	222
Channell, J.E.T., Bralower, T.J. and Grandesso, P., Biostratigraphic correlation of Mesozoic polarity chronos CM1 to CM23 at Capriolo and Xausa (Southern Alps, Italy)	203
Chauvel, C., see Gruau, G. et al.	105
Chung, Y., ^{226}Ra in the western Indian Ocean	11
Chung, Y., ^{210}Pb in the western Indian Ocean: distribution, disequilibrium, and partitioning between dissolved and particulate phases	28
Chung, Y., see Chan, L.H. and Chung, Y.	41
Cogné, J.P., Paleomagnetic direction obtained by strain removal in the Pyrenean Permian rebeds at the "Col du Somport" (France)	162
Compston, W., see Kröner, A. et al.	91
Craig, H., see Somayajulu, B.L.K. et al.	329
Davidson, J., see Jesinkey, C. et al.	461
Davy, R., see Gruau, G. et al.	105
Dawoud, A.S., see Kröner, A. et al.	91
Dennell, R.W., see Rendell, H.M. et al.	488
Diament, M. and Baudry, N., Structural trends in the Southern Cook and Austral archipelagoes (South Central Pacific) based on an analysis of SEASAT data: geodynamic implications	427
Duplessy, J.C., see Southon, J.R. et al.	356
Fink, J.H., see Blake, S. and Fink, J.H.	516
Forsythe, R.D., see Jesinkey, C. et al.	461
Fouillac, C., see Matthews, A. et al.	117
Freundel, M., see Hebeda, E.H. et al.	79
Frey, F.A., see Suen, C.J. and Frey, F.A.	183
Gerlach, D.C., Stormer, J.C., Jr. and Mueller, P.A., Isotopic geochemistry of Fernando de Noronha	129
Glikson, A.Y., see Gruau, G. et al.	105
Grandesso, P., see Channell, J.E.T. and Grandesso, P.	222
Grandesso, P., see Channell, J.E.T. et al.	203

Griffiths, R.W., Effects of Earth's rotation on convection in magma chambers	525
Gruau, G., Jahn, B.M., Glikson, A.Y., Davy, R., Hickman, A.H. and Chauvel, C., Age of the Archean Talga-Talga Subgroup, Pilbara Block, Western Australia, and early evolution of the mantle: new Sm-Nd isotopic evidence	105
Haessler, H., see Bounif, A. et al.	451
Hailwood, E.A., see Rendell, H.M. et al.	488
Hebeda, E.H., Schultz, L. and Freundel, M., Radiogenic, fissionogenic and nucleogenic noble gases in zircons	79
Hickman, A.H., see Gruau, G. et al.	105
Hill, R., see Matthews, A. et al.	117
Hirai, H. and Arai, S., H_2O-CO_2 fluids supplied in alpine-type mantle peridotites: electron petrology of relic fluid inclusions in olivines	311
Huh, C.A. and Beasley, T.M., Profiles of dissolved and particulate thorium isotopes in the water column of coastal Southern California	1
Hurich, C.A. and Smithson, S.B., Compositional variation and the origin of deep crustal reflections	416
Jahn, B.M., see Gruau, G. et al.	105
Jelenska, M. and Vincenz, S.A., Origin of the magnetization of Permo-Carboniferous sediments of Spitsbergen, Svalbard Archipelago	173
Jesinkey, C., Forsythe, R.D., Mpodozis, C. and Davidson, J., Concordant late Paleozoic paleomagnetizations from the Atacama Desert: implications for tectonic models of the Chilean Andes	461
Jolly, W.T., Lithophile elements in Huronian low-Ti continental tholeiites from Canada, and evolution of the Precambrian mantle	401
Jones, A.G., Are impact-generated lower-crustal faults observable?	248
Kalsbeek, F., Pidgeon, R.T. and Taylor, P.N., Nagssugtoqidian mobile belt of West Greenland: a cryptic 1850 Ma suture between two Archaean continents — chemical and isotopic evidence	365
Kapoor, M.L., see Sharma, K.C. et al.	302
Kawahata, H., Kusakabe, M. and Kikuchi, Y., Strontium, oxygen, and hydrogen isotope geochemistry of hydrothermally altered and weathered rocks in DSDP Hole 504B, Costa Rica Rift	343
Kelley, S.A., see Ashwal, L.D. et al.	439
Kerr, R.C. and Lister, J.R., The spread of subducted lithospheric material along the mid-mantle boundary	241
Kikuchi, Y., see Kawahata, H. et al.	343
Kröner, A., Stern, R.J., Dawoud, A.S., Compston, W. and Reischmann, T., The Pan-African continental margin in northeastern Africa: evidence from a geochronological study of granulites at Sabaloka, Sudan	91
Ku, T.L., see Sounth, J.R. et al.	356
Kusakabe, M., see Kawahata, H. et al.	343
Kushiro, I., see Nagahara, H. and Kushiro, I.	537
Lal, D., see Somayajulu, B.L.K. et al.	329
Lapierre, H., see Brouxel, M. et al.	386
Lister, J.R., see Kerr, R.C. and Lister, J.R.	241
Massoth, G.J., see Baker, E.T. and Massoth, G.J.	59
Matsuda, T., see Otofuji, Y. and Matsuda, T.	289
Matthews, A., Fouillac, C., Hill, R., O'Nions, R.K. and Oxburgh, E.R., Mantle-derived volatiles in continental crust: the Massif Central of France	117
McClelland, E.A., see Robinson, M.A. and McClelland, E.A.	473
Meghraoui, M., see Bounif, A. et al.	451
Michard, A., see Brouxel, M. et al.	386
Mizutani, Y., see Takaoka, N. and Mizutani, Y.	74
Morgan, P., see Ashwal, L.D. et al.	439
Mpodozis, C., see Jesinkey, C. et al.	461
Mueller, P.A., see Gerlach, D.C. et al.	129
Nagahara, H. and Kushiro, I., Origin of iron-rich olivine in the matrices of type 3 ordinary chondrites: an experimental study	537
Nelson, D.E., see Sounth, J.R. et al.	356
Ogg, J.G., see Steiner, M.B. and Ogg, J.G.	323
O'Nions, R.K., see Matthews, A. et al.	117

Otofuji, Y. and Matsuda, T., Amount of clockwise rotation of Southwest Japan — fan shape opening of the southwestern part of the Japan Sea	289
Oxburgh, E.R., see Matthews, A. et al.	117
Percival, J.A., see Ashwal, L.D. et al.	439
Pidgeon, R.T., see Kalsbeek, F. et al.	365
Pollack, H.N., see Ballard, S. and Pollack, H.N.	253
Reischmann, T., see Kröner, A. et al.	91
Rendell, H.M., Hailwood, E.A. and Dennell, R.W., Magnetic polarity stratigraphy of Upper Siwalik Sub-Group, Soan Valley, Pakistan: implications for early human occupancy of Asia	488
Rengarajan, R., see Somayajulu, B.L.K. and Rengarajan, R.	54
Rengarajan, R., see Somayajulu, B.L.K. et al.	329
Reyss, J.L., see Southon, J.R. et al.	356
Robinson, M.A. and McClelland, E.A., Palaeomagnetism of the Torridonian of Rhum, Scotland: evidence for limited uplift of the Central Intrusive Complex	473
Rudnick, R.L. and Williams, I.S., Dating the lower crust by ion microprobe	145
Schultz, L., see Hebeda, E.H. et al.	79
Sharma, K.C., Agrawal, R.D. and Kapoor, M.L., Determination of thermodynamic properties of (Fe,Mg)-pyroxenes at 1000 K by the emf method	302
Sheridan, J.E. and Suydam, K.A., Comment on the paper "Jurassic magnetostratigraphy, 2. Middle-Late Oxfordian of Aguilón, Iberian Cordillera, northern Spain", by M.B. Steiner, J.G. Ogg, G. Melendez and L. Sequeiros	319
Smithson, S.B., see Hurich, C.A. and Smithson, S.B.	416
Somayajulu, B.L.K. and Rengarajan, R., ^{228}Ra in the Dead Sea	54
Somayajulu, B.L.K. and Rengarajan, R., Lal, D., Weiss, R.F. and Craig, H., GEOSECS Atlantic ^{32}Si profiles	329
Southon, J.R., Ku, T.L., Nelson, D.E., Reyss, J.L., Duplessy, J.C. and Vogel, J.S., ^{10}Be in a deep-sea core: implications regarding ^{10}Be production changes over the past 420 ka	356
Steiner, M.B. and Ogg, J.G., Oxfordian magnetic pattern — reply to comment by R.E. Sheridan and K.A. Suydam	323
Stern, R.J., see Kröner, A. et al.	91
Stern, T.A., Asymmetric back-arc spreading, heat flux and structure associated with the Central Volcanic Region of New Zealand	265
Stormer, J.C., Jr., see Gerlach, D.C. et al.	129
Suen, C.J. and Frey, F.A., Origins of the mafic and ultramafic rocks in the Ronda peridotite	183
Suydam, K.A., see Sheridan, J.E. and Suydam, K.A.	319
Takaoka, N. and Mizutani, Y., Tritiogenic ^3He in groundwater in Takaoka	74
Taylor, P.N., see Kalsbeek, F. et al.	365
Vincenz, S.A., see Jelenska, M. and Vincenz, S.A.	173
Vogel, J.S., see Southon, J.R. et al.	356
Watson, E.B. and Brenan, J.M., Fluids in the lithosphere, 1. Experimentally-determined wetting characteristics of $\text{CO}_2\text{-H}_2\text{O}$ fluids and their implications for fluid transport, host-rock physical properties, and fluid inclusion formation	497
Weiss, R.F., see Somayajulu, B.L.K. et al.	329
Wensink, H., Comments on "Deccan flood basalts at the Cretaceous/Tertiary boundary?", by V. Courtillot, J. Besse, D. Vandamme, R. Montigny, J.-J. Jaeger and H. Cappetta	326
Williams, I.S., see Rudnick, R.L. and Williams, I.S.	145

